Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Previously presented): A method for maximizing qualities of a user network access number (NAN) list, the user NAN list comprising plural NANs, the NANs for use by a user's client device in connecting to a data network under control of a server system, the method comprising

storing in the server system an available NAN list of NANs available for the client device to connect to the data network, wherein the user NAN list comprises a subset of the available NAN list

storing in the server system connection information about connecting from the NANs in the available NAN list to the data network

connecting the client device to the server system

setting the NANs in the user NAN list based upon the available NAN list

setting an order for selecting the NANs in the user NAN list based upon the connection information, wherein the order is set outside of the user's control

disconnecting the client device from the server system.

Claim 2 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein the order setting step comprises associating ranking information with at least one NAN in the user NAN list.

Claim 3 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein the order setting step comprises specifying an actual sequential order of the NANs in the user NAN list.

Claim 4 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein the order setting step comprises providing a sequence list which identifies the order for using the NANs in the user NAN list.

Claim 5 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein the order setting step comprises providing the client device with connection information for the NANs in the user NAN list and an algorithm for selecting the NANs based upon the provided connection information.

Claim 6 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein

the NANs are for providing the client device with a connection to the data network through plural back end networks

each NAN is associated with a one of plural back end providers

each back end network is associated with one of the back end providers

the connection information includes a cost from the back end provider for the client device to utilize the back end network of the back end provider

the back end providers permit a connection through their back end networks to the client device under the authorization of the server system.

Claim 7 (Previously presented): The method for maximizing qualities of a user NAN list of claim 1 wherein the connection information includes location information for the NANs in the available NAN list, the method further comprising

determining a location of the client device

determining an available local NAN list based upon the location of the client device and the location information for the NANs in the available NAN list

comparing the available local NAN list with the user NAN list to identify a good NAN in the available local NAN list which is not in the user NAN list

adding the good NAN to the user NAN list.

Claim 8 (Previously presented): The method for maximizing qualities of a user NAN list of claim 7, wherein the location information for the NANs in the available NAN list comprises an area code.

Claim 9 (Previously presented): The method for maximizing qualities of a user NAN list of claim 7, wherein before adding the good NAN to the user NAN list, asking the user for permission to add the good NAN to the user NAN list.

Claim 10 (Previously presented): The method for maximizing qualities of a user NAN list of claim 7, further comprising

comparing the available local NAN list with the user NAN list to identify a bad NAN in the user NAN list which is not in the available local NAN list

deleting the bad NAN from the user NAN list.

Claim 11 (Previously presented): The method for maximizing qualities of a user NAN list of claim 10, wherein before deleting the bad NAN from the user NAN list, asking the user for permission to delete the bad NAN from the user NAN list.

Claim 12 (Previously presented): A method of setting an order for using network access numbers (NANs) in a user NAN list, the user NAN list comprising plural NANs, the NANs for use by the user's client device in connecting to a data network under control of an online service provider server system, wherein a connection from the client device to the data network comprises a front end portion and a back end portion, the front end portion comprising a first connection from the client device to a public switch, and the back end portion comprising a second connection from the public switch to a point of presence under control of one of plural back end providers plus a third connection from the point of presence to the data network, wherein authorization for the back end provider to establish the back end portion is by the online service provider server system, and each NAN is associated with one of the back end providers, the method comprising

storing in the online service provider server system an available NAN list of NANs available for the user's client device to connect to the data network, wherein the user NAN list comprises a subset of the available NAN list

storing in the online service provider server system connection information for connecting from the NANs in the available NAN list to the data network, the connection information comprising at least one of (a) quality of connection information for the back end portion and (b) costs information for the back end portion

establishing a connection from the client device to the online service provider server system

transmitting an identification of the NANs in the user NAN list from the client device to the online service provider server system

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setting an order for selecting the NANs in the user NAN list based upon at least one of (a) the stored quality of connection information for the back end portion and (b) costs information for the back end portion.

Claim 13 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein there is a version code associated with the user NAN list for identifying a current version of the user NAN list, and the transmitting step comprises transmitting the version code from the client device to the online service provider server system.

Claim 14 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the transmitting step comprises transmitting the user NAN list from the client device to the online service provider server system.

Claim 15 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the step of ordering is performed by the client device.

Claim 16 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the step of ordering is performed by the online service provider server system.

Claim 17 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12, the order setting step comprising setting the order for selecting the NANs in the user NAN list based upon both the stored quality of connection information and the stored costs information.

Claim 18 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 17, wherein the connection information includes an identification of a back end 6/10

provider.

Claim 19 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the available NAN list identifies a central office which serves each NAN, and the cost information for each NAN includes a cost of providing a connection from the respective central office to the data network.

Claim 20 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12, wherein the stored quality of connection information comprises reliability data derived from historical quality-of-connection statistics associated with the NANs.

Claim 21 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 20, further including the client device providing the online service provider server system with quality of connection information, and the online service provider server system incorporating the quality of connection information from the client device into the historical quality-of-connection statistics.

Claim 22 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the order setting step comprises associating ranking information with at least one NAN in the user NAN list.

Claim 23 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the order setting step comprises specifying an actual sequential order of the NANs in the user NAN list.

Claim 24 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the order setting step comprises providing a sequence list which 7/10

identifies the order for using the NANs in the user NAN list.

Claim 25 (Previously presented): The method of ordering a user's network access number NAN list as set forth in claim 12 wherein the order setting step comprises providing the client device with connection information for the NANs in the user NAN list and an algorithm for selecting the NANs based upon the provided connection information.

Claims 26 -29 (Canceled)

Claim 30 (Previously presented): An online service provider server system for controlling a connection between a user's client device and a data network, wherein the user's client device attempts connection to the data network using network access numbers in a user network access number (NAN) list comprising plural NANs, the online service provider server system comprising

a first memory storing an available NAN list of NANs available for the client device to connect to the data network, wherein the user NAN list comprises a subset of the available NAN list

a second memory storing connection information about connecting from the NANs in the available NAN list to the data network

computer program code which when executed causes the online service provider server system to perform operations including

connecting to the user's client device

setting the NANs in the user NAN list based upon the available NAN list

setting an order for selecting the NANs in the user NAN list based upon the connection information, wherein the order is set outside of the user's control

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disconnecting from the client device.

Claim 31 (Previously presented): The online service provider server system for controlling a connection between a user's client device and a data network of claim 30 wherein the online service provider server system associates ranking information with at least one NAN in the user NAN list.

Claim 32 (Previously presented): The online service provider server system for controlling a connection between a user's client device and a data network of claim 30 wherein

the NANs are for providing the client device with a connection to the data network through plural back end networks

each NAN is associated with a one of plural back end providers
each back end network is associated with one of the back end providers

the connection information includes a cost from the back end provider for the client device to utilize the back end network of the back end provider

the back end providers permit a connection through their back end networks to the client device under the authorization of the server system.

Claims 33 – 40 (Canceled)